

IN THE CLAIMS

Please amend the claims as shown below.

1. (Previously Presented) A substantially purified nucleic acid encoding a pentapeptide having an amino acid sequence of Asp-Ile-Leu-Arg-Gly (SEQ ID NO:1).

2. (Canceled)

3. (Previously Presented) The substantially purified nucleic acid as set forth in claim 1, wherein the pentapeptide is obtained from pre-larvae of *Antheraea yamamai*.

4. (Previously Presented) A dormancy-control pentapeptide having an amino acid sequence of Asp-Ile-Leu-Arg-Gly (SEQ ID NO:1), a molecular weight of 570.959 and dormancy-control activity, wherein the C-terminal is amidated.

5. (Previously Presented) The dormancy-control pentapeptide as set forth in claim 4, wherein the dormancy-control pentapeptide is obtained from pre-larvae of *Antheraea yamamai*.

6. (Previously Presented) A method for preparing a dormancy-control pentapeptide, comprising the steps of  
adding an acid-methanol solution consisting of methanol: water: acetic acid to pulverized pre-larvae of an insect;  
tritulating the resulting mixture;

centrifuging the mixture; and

subjecting the resulting supernatant to reverse phase high performance liquid chromatography and mixing-separation mode high performance liquid chromatography to give a dormancy-control pentapeptide, which has an amino acid sequence of Asp-Ile-Leu-Arg-Gly (SEQ ID NO:1) and a molecular weight of 570.959, wherein the C-terminal is amidated.

7. (Currently Amended) A composition comprising a physiologically acceptable carrier and, as an effective component, a pentapeptide having an amino acid sequence of Asp-Ile-Leu-Arg-Gly (SEQ ID NO:1); and a molecular weight of 570.959, wherein the C-terminal is amidated.

8. (Canceled)

9. (Currently Amended) The composition as set forth in claim 7 ~~or 8~~, wherein the pentapeptide is obtained from pre-larvae of *Antheraea yamamai*.

10. (Previously Presented) A composition comprising a physiologically acceptable carrier and, as an effective component, a tetrapeptide having an amino acid sequence of Ile-Leu-Arg-Gly (SEQ ID NO:2) and a molecular weight of 456.58, wherein the C-terminal is amidated.

11. (Canceled)

12. (Currently Amended) The composition as set forth in claim 10 or 11,  
wherein the tetrapeptide is obtained from pre-larvae of *Antheraea yamamai*.

13. (Previously Presented) A pentapeptide having an amino acid sequence of  
Asp-Ile-Leu-Arg-Gly (SEQ ID NO:1).

14-17. (Canceled)

18. (Previously Presented) A tetrapeptide having an amino acid sequence of Ile-  
Leu-Arg-Gly (SEQ ID NO:2).

19. (Previously Presented) A tetrapeptide having an amino acid sequence of Ile-  
Leu-Arg-Gly (SEQ ID NO:2), wherein the C-terminal is amidated.